Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-54 (canceled)

Claim 55 (new)   An isolated nucleic acid molecule comprising a sequence of nucleotides encoding or complementary to a sequence encoding a polypeptide comprising an amino acid sequence set forth in SEQ ID NO:8 wherein said polypeptide has activity against a plant pest.

Claim 56 (new)   The isolated nucleic acid molecule of claim 55 wherein the nucleotide sequence further encodes a C-terminal amino acid sequence set forth in SEQ ID NO:12.

Claim 57 (new)   The isolated nucleic acid molecule of claim 55 or 56 wherein the nucleotide sequence encodes a signal sequence as set forth in SEQ ID NO:10.

Claim 58 (new)   The isolated nucleic acid molecule of claim 55 wherein the nucleotide sequence encodes an amino acid sequence set forth in SEQ ID NO:18.

Claim 59 (new)   The isolated nucleic acid molecule of claim 55 comprising the nucleotide sequence set forth in SEQ ID NO:7.

Claim 60 (new)   The isolated nucleic acid molecule of claim 56 comprising the nucleotide sequence set forth in SEQ ID NO:11.

Claim 61 (new)   The isolated nucleic acid molecule of claim 57 comprising the nucleotide sequence set forth in SEQ ID NO:9.

Claim 62 (new)   The isolated nucleic acid molecule of claim 58 comprising the nucleotide sequence set forth in SEQ ID NO:17.

Claim 63 (new) An isolated protein comprising a sequence of amino acids set forth in SEQ ID NO:8 wherein said polypeptide has activity against a plant pest.

Claim 64 (new)   The isolated protein of claim 63 further comprising a C-terminal amino acid sequence set forth in SEQ ID NO:12.

Claim 65 (new)   The isolated protein of claim 63 or 64 further comprising a signal sequence as set forth in SEQ ID NO:10.

Claim 66 (new) The isolated protein of claim 63 comprising the amino acid sequence set forth in SEQ ID NO:18.

Claim 67 (new) The isolated nucleic acid molecule of claim 55 or isolated protein of claim 63 wherein the plant pest is an insect.

Claim 68 (new) The isolated nucleic acid molecule of claim 55 or isolated protein of claim 63 wherein the plant pest is a fungus.

Claim 69 (new) The isolated nucleic acid molecule of claim 55 or isolated protein of claim 66 wherein the nucleic acid molecule and protein are derived from *Nicotiana alata*.

Claim 70 (new) A genetically modified plant cell, tissue, organ or whole plant which expresses the nucleic acid molecule of claim 55.

Claim 71 (new) A genetically modified plant cell, tissue, organ or whole plant which produces the protein of claim 66.

Claim 72 (new) The plant cell, tissue, organ or whole plant of claim 70 or 71 wherein the plant is a cotton plant.

Claim 73 (new) Progeny of the plant of claim 70 or 71.

Claim 74 (new) A method of inducing resistance of a plant to a plant pest, said method comprising genetically modifying the plant so that it produces the protein of claim 66.

Claim 75 (new) The method of claim 74 wherein the protein is produced in epidermal layers of petals and sepals, cortical cells of a style and/or the connective tissue of another.

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Claim 76 (new) A method for generating a plant with increased resistance to a plant pest, said method comprising introducing into a genome of a plant cell an expressible form of a nucleic acid molecule of claim 55, 56, 57 or 58 and regenerating a plant from said cell.

Claim 77 (new) The method of claim 76 wherein the regenerated plant produces a
protein of claim 66.

Claim 78 (new) The method of claim 76 wherein the plant is a cotton plant.